also comprise compression algorithms dedicated for fax signals according to several standards such as V.17, V.29 and V.21 and modem signals according to several standards such as V.34, V.32 and V.22.

Please replace paragraph 2, starting at line 24, in page 3 as follows:

Each of the channels is able to carry a plurality of compressed voice and data signals. The setup according to Fig. 1 is extensively used to reduce the costs of the channels 14, 16, 18, 20, 22 and 24 which are generally routed via a public telephone network. Without using compressions, the required capacity of the channels between the PBX's should have been substantially larger than presently in the case.

Please replace paragraph 5, starting at line 16, in page 5 as follows:

The frame structure according to Fig. 3 comprises a continuous stream of packets, some of them being assigned to a connection. The packet starts with a flag field 50, 58, which carries a synchronization sequence. The synchronization sequence can be used for determining the beginning of a new packet. According to an aspect of the present invention, the length of the flag field 50, 58 is variable and can even be zero. This length can be made dependent on total required bandwidth on the transmission link. The length of the flag field is determined by use of a table of which Table 2 is an example.

Please replace last paragraph 6 in page 5 as follows:

The flag field 50, 58 is followed by a length field 52, 60 indicating the number of bits carried by the data field 56, 64 in the packet. If the first bit of the length field 52, 60 is equal to "0", the data field 56, 64 has a predefined length. In said case, the length field 52, 60 only consists of one bit with value "0". If the first bit of the length field is equal to "1", the length of the data field 56, 64 is described by the n next bits in the length field 52, 60.

Please replace first paragraph in page 6 as follows:

After the length field 52, 60, the connection ID field 54, 62 is transmitted. The connection ID field 54, 62 identifies the connection to which the data in the data field 56, 64 belongs. One connection ID is reserved for peer to peer communication between the controllers 30 and 38 in order to be able to exchange control information between them. Finally the data field 56, 64 is transmitted which carries the compressed source signals. The length field 52, 60 indicates the length of the data field 56, 64.

Please replace last paragraph starting in page 7 and ending in page 8 as follows:

In instruction 75 it is checked whether after the reshuffling operation there is sufficient bandwidth available for adding the new channel. If this is not the case, in instruction 77 the new connection is rejected, and the switching core of the PBX should use an alternative connection, such as a dial up connection over the public telephone network. If sufficient bandwidth is available for the new connection to be added, in instruction the length of the flag field in dependence on the aggregate bitrate calculated in instruction 76. If the aggregate bitrate is below a threshold value, the flag field has a nominal value. If the aggregate bitrate is above said value, the length of the flag field is decreased. It is possible that the length of the flag field is reduced to zero, effectively making it non-existent.

Please add the following paragraph between line 16 and 17 in page 8 as follows:

Finally the program is terminated in instruction 81.

IN THE CLAIMS:

Please amend the claims as follows:

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